

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A brazing flux for the brazing of individual heat exchanger parts, comprising:

a flux, comprising a base material and nanoparticles,  
wherein the flux contains nanoparticles in an amount between 0.01% by volume and 10% by volume, and  
wherein the nanoparticles comprise nanoaggregates dispersed in an organic polymer  
wherein the nanoparticles are dispersed in an organic polymer nanoaggregate.

2. (Cancelled)

3. (Cancelled)

4. (Previously Presented) The flux as claimed in claim 1, wherein a proportion of the organic polymer in the flux after drying is between approximately 0.01% by volume and 10% by volume.

5. (Previously Presented) The flux as claimed in claim 4, in which the organic polymer used is polyurethanes, synthetic resins, phthalates, acrylates, vinyl resins, silicone resins and/or polyolefins.

6. (Previously Presented) The flux as claimed in claim 1, in which the base material used is potassium fluoroaluminates with the empirical formula  $K_{1-3}AlF_{4-6}$  or potassium and/or cesium fluorostannates with the empirical formulae  $KSnF_3$  and  $CsSnF_3$ .

7. (Withdrawn) A process for producing the flux as claimed in claim 1, in which nanoparticles are produced by dispersion methods and are added to a base material prior to the brazing process.